



Kentucky Agricultural Statistics Service
P.O. Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Above normal rainfall, especially in Eastern Kentucky continued to hamper agricultural activities. Rainfall amounts during the week ranged from 0.35 to nearly 4 inches with an average of 1.79 inches statewide, .87 inches above normal. Days suitable for fieldwork averaged only 2.4 out of a possible seven. **Topsoil moisture** as of Friday, June 4 was 47 percent adequate and 53 percent surplus. **Subsoil moisture** was 56 percent adequate and 44 percent surplus. Several thousand acres of crops in low lying areas have been flooded out and will need to be replanted. Moisture stress on crops has made them more susceptible to disease and hampered weed control. Much of the hay is over mature and too wet for harvest. Tobacco producers are having trouble maintaining viable transplants in beds and greenhouses in some areas due to blue mold presence.

CORN: Corn planting was nearing completion by Sunday, June 6, with 99 percent in the ground. A year ago, 92 percent had been planted with 96 percent for the average. Much of the flooded acreage will be replanted if fields dry out in time. About 95 percent of the planted acreage had emerged, compared with 84 percent a year ago, and the average of 91 percent. Emerged corn remained in fair to excellent condition, with 8 percent very poor, 11 percent poor, 22 percent fair, 41 percent good and 18 percent excellent. Height of the most advanced fields averaged 46 inches statewide, while average height of emerged corn was 27 inches.

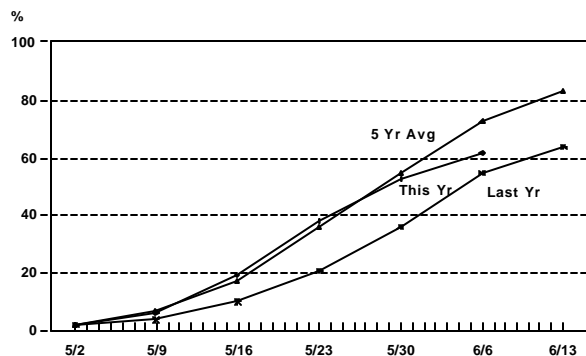
SOYBEANS: As of Sunday, June 6, 56 percent of the crop had been seeded compared with 38 percent a year ago, and the average of 60 percent. About 45 percent of planted acreage had emerged, compared with last year's 20 percent and the average of 49. Condition of emerged soybeans was rated 1 percent very poor, 8 percent poor, 34 percent fair, 47 percent good and 10 percent excellent.

TOBACCO: Tobacco setting progress was slow due to wet soils and problems with viable transplants. Producers reported 62 percent of **burley** had been transplanted by Sunday, June 6, compared with 55 percent a year ago and the average of 73 percent. **Dark tobacco** acreage reached 65 percent set, compared with 73 percent last year and the average of 74. Blue mold has remained a concern in central Kentucky. Controlling the size of plants in greenhouses is causing problems for many producers along with finding disease free transplants to set. Some resetting will be required in flooded areas, especially in Eastern Kentucky. Condition of set tobacco was reported as 2 percent very poor, 10 percent poor, 29 percent fair, 52 percent good, and 7 percent excellent. Most tobacco plants were small with 81 percent under 12 inches in height, 18 percent from 12-24 inches tall, and just 1 percent over 24 inches in height.

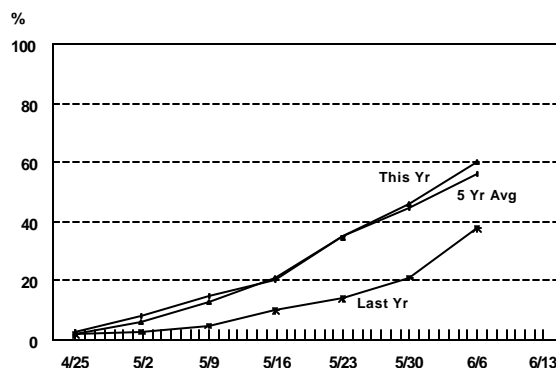
SMALL GRAINS: **Barley** harvest reached 60 percent complete by Sunday, June 6, compared with 43 percent a year ago and the average of 37 percent. **Wheat** harvest is just beginning with 3 percent complete at the end of the week. There is considerable concern that head scab and blight may reduce yield and test weight. As of Friday, June 4, wheat was reported mostly fair to excellent condition with 2 percent very poor, 10 percent poor, 25 percent fair, 46 percent good and 17 percent excellent.

OTHER CROPS: **Hay** harvest continues to be difficult. Poor curing conditions will reduce hay quality, and much of the standing crop is very mature. **Pastures** were in good to excellent condition and were rated 1 percent very poor, 3 percent poor, 14 percent fair, 55 percent good and 27 percent excellent. **Grain sorghum** planting advanced to 80 percent complete during the week, ahead of both last year and average.

BURLEY TOBACCO SET PROGRESS



SOYBEAN PLANTING PROGRESS



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 6, 2004

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn					
Planted	99	92	96	98	NA
Emerged	95	84	91	93	90
Soybeans					
Planted	56	38	60	45	77
Emerged	45	20	49	36	55
Sorghum Planted	80	48	59	75	61
Barley Harvested	60	43	37	7	NA
Wheat Harvested	3	NA	NA	NA	NA
Burley Tobacco Set	62	55	73	53	NA
Dark Tobacco Set	65	73	74	50	NA

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING JUNE 4, 2004

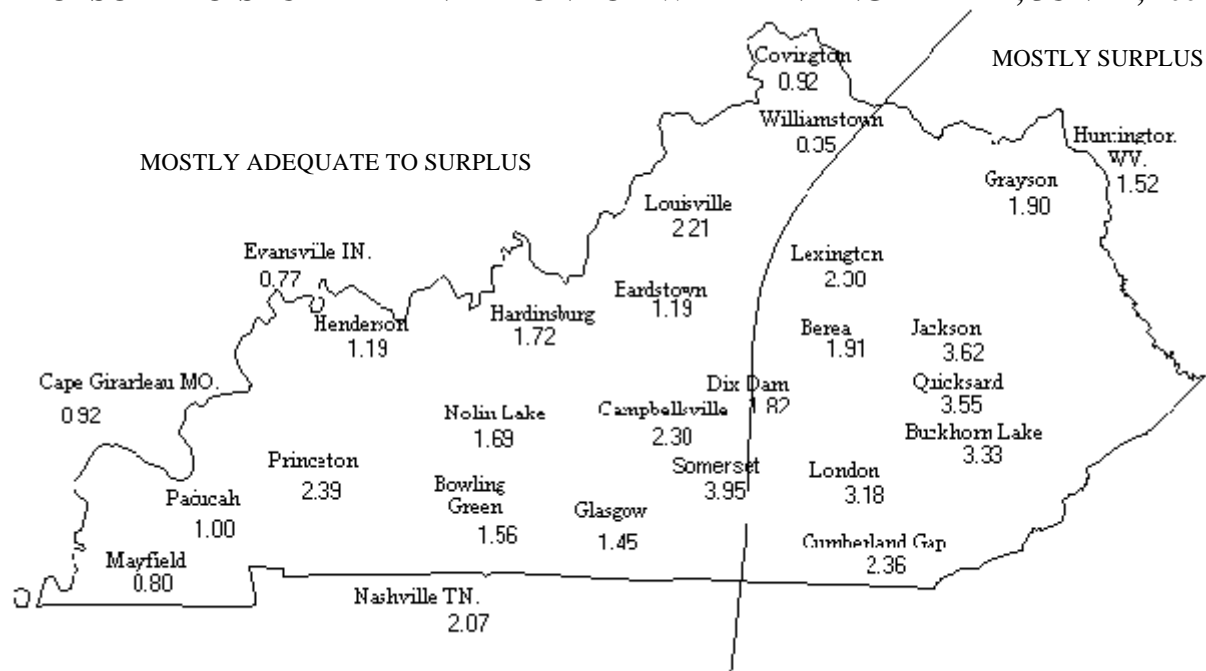
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	0	1
Adequate	47	40
Surplus	53	59
SUBSOIL		
Very Short	0	0
Short	0	1
Adequate	56	60
Surplus	44	39

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 4, 2004					WEEK ENDING MAY 28, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	8	11	22	41	18	1	8	28	40	23
Soybeans	1	8	34	47	10	0	4	30	51	15
Wheat	2	10	25	46	17	0	7	26	49	18
Pasture	1	3	14	55	27	1	3	16	56	24
Tobacco Set	2	10	29	52	7	1	6	25	54	14

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 6, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 4, 2004



KENTUCKY WEATHER SUMMARY, MAY 31 - JUNE 6, 2004:

BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:

Another batch of severe weather came through Kentucky on Tuesday as severe thunderstorms rolled across the State bringing more rain to areas that did not need it. Skies cleared up momentarily during the middle of the week and temperatures cooled down as highs stayed in the 70's and lows dropped into the 50's. Overnight Thursday and during the day on Friday a batch of rain moved across eastern Kentucky prompting a flood watch and several flood warnings to be issued. The weather improved over the weekend as north winds brought cooler drier air to the region. This kept highs in the 70's and skies mostly clear. This is the second consecutive week of above normal rainfall. This is the first week since the beginning of May that temperatures have averaged below normal.

Temperatures for the period averaged 68 degrees across the State which was 3 degrees below normal and 5 degrees cooler than the previous week. High temperatures averaged from 80 in the West to 76 in the East. Departure from normal high temperatures ranged from 5 degrees below normal in the West to 5 degrees below normal in the East. Low temperatures averaged from 60 degrees in the West to 57 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 3 degrees below normal in the East. Extreme highs were in the middle 80's. Extreme lows were in the upper 40's.

Rainfall for the period totaled 1.79 inches statewide which was 0.87 inches above normal. Precipitation totals by climate division, West 1.18 inches, Central 1.64 inches, Bluegrass 1.41 inches and East 2.93 inches, which was 0.29, 0.69, 0.51 and 2.00 inches respectively above normal. By station, precipitation totals ranged from a low of 0.35 inches at Williamstown to a high of 3.95 inches at Somerset.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, JUNE 6, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	1.19	16.69	11.24	+7.61	+7.34	83	51	68.6	-3	128	1017	+120
Berea	1.91	13.37	7.19	+3.51	+2.99	83	50	69.1	-1	132	1083	+155
Bowling Green	1.56	14.72	7.74	+4.63	+3.40	85	56	70.0	-1	139	1087	+153
Bristol	1.99	9.44	4.21	+1.53	+0.73	81	52	67.8	-3	123	959	+129
Buckhorn Lake	3.33	16.09	10.62	+7.40	+6.87	80	52	65.6	-5	108	963	+145
Cape Girardeau	0.92	8.32	4.12	-1.99	-0.26	81	53	69.7	-4	137	1054	+83
Campbellsville	2.30	14.28	7.89	+3.52	+3.37	86	52	69.4	-2	134	1077	+155
Covington	0.92	11.60	6.03	+2.80	+2.22	78	51	66.5	-4	113	877	+83
Cumberland Gap	2.36	12.04	6.15	+2.30	+1.88	82	54	68.2	-2	126	993	+169
Dix Dam	1.82	14.78	9.48	+5.09	+5.38	81	50	68.1	-2	125	1019	+122
Evansville	0.77	10.14	7.13	+0.67	+3.06	81	58	70.5	-3	141	1078	+174
Glasgow	1.45	14.97	6.86	+4.44	+2.35	88	55	71.0	-0	143	1165	+297
Grayson	1.90	11.94	6.79	+3.28	+3.00	81	53	66.3	-4	112	987	+230
Hardinsburg	1.72	16.61	10.10	+6.67	+5.89	83	57	69.4	-2	134	1052	+118
Henderson	1.19	13.16	8.55	+3.59	+4.56	84	55	69.9	-3	139	1072	+138
Huntington	1.52	10.51	5.23	+1.91	+1.47	81	53	66.4	-4	113	996	+172
Jackson	3.62	15.87	11.48	+6.53	+7.54	79	51	65.0	-5	102	966	+148
Lexington	2.30	15.42	10.28	+6.34	+6.38	80	48	66.5	-4	115	942	+142
London	3.18	14.87	10.05	+5.97	+6.30	82	49	66.3	-4	113	967	+143
Louisville	2.21	17.26	10.90	+7.72	+6.93	82	56	68.8	-3	130	1031	+127
Mayfield	0.80	7.95	3.28	-2.78	-0.95	82	53	68.1	-5	124	1016	+21
Nashville	2.07	14.27	5.55	+4.31	+1.37	86	59	71.6	+0	151	1155	+154
Nolin Lake	1.69	15.53	8.45	+4.74	+3.78	84	56	69.7	-2	137	1087	+202
Paducah	1.00	8.79	4.04	-1.97	-0.28	86	54	70.1	-3	139	1128	+157
Princeton	2.39	12.74	6.71	+2.21	+2.42	86	55	71.1	-2	147	1154	+190
Quicksand	3.55	17.30	11.64	+7.96	+7.70	79	51	65.1	-5	103	968	+150
Somerset	3.95	13.86	8.91	+3.59	+4.46	85	49	67.2	-3	120	979	+88
Spindletop	1.16	13.73	9.33	+4.65	+5.43	79	49	66.2	-4	112	919	+119
Williamstown	0.35	12.12	7.24	+2.81	+3.36	80	50	66.1	-4	110	967	+167

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending May 30, 2004

Corn Percent Emerged

Stat	May 2004	Prev Week	Prev Year	5-Yr Avg
CO	70	57	65	72
IL	97	95	84	84
IN	96	88	66	76
IA	98	90	80	86
KS	83	77	88	89
KY	93	86	79	85
MI	65	55	44	61
MN	91	82	85	81
MO	96	93	84	82
NE	95	88	75	84
NC	97	94	90	96
ND	79	53	66	64
OH	82	77	81	79
PA	67	56	51	67
SD	83	60	62	61
TN	99	98	91	96
TX	96	90	97	96
WI	63	47	49	60
ALL	90	82	76	80
These 18 States planted 92% of last year's corn acreage.				

Soybeans Percent Planted

Stat	May 2004	Prev Wee	Prev Year	5-Yr Avg.
AR	70	55	52	54
IL	79	72	68	75
IN	84	78	56	73
IA	92	87	83	82
KS	70	49	61	62
KY	45	35	21	46
LA	83	62	57	77
MI	45	36	55	64
MN	90	82	84	82
MS	97	95	88	89
MO	62	55	58	57
NE	81	70	72	81
NC	48	40	31	43
ND	84	67	72	71
OH	67	57	65	73
SD	72	54	70	70
TN	54	30	23	41
WI	55	41	63	70
ALL	77	67	67	72
These 18 States planted 96% of last year's soybean acreage.				

Winter Wheat Percent Headed

State	May 30 2004	Prev Week	Prev Year	5-Yr Avg.
AR	100	98	100	100
CA	100	100	100	99
CO	95	81	76	74
ID	14	0	6	8
IL	98	96	94	96
IN	97	92	92	95
KS	100	98	99	99
MI	56	20	11	35
MO	99	97	97	97
MT	1	0	1	7
NE	86	67	59	61
NC	99	98	96	99
OH	99	71	86	88
OK	100	100	100	100
OR	72	45	41	41
SD	40	15	20	16
TX	99	95	98	98
WA	58	27	32	32
ALL	87	79	80	81
These 18 States planted 91% of last year's winter wheat acreage.				

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.